	Work Orde <i>May-27-13 12:4</i>		2271	*10	*102271*							
	Item ID: 646.3912 Revision ID: Item Name: Shim			70	Accept	*N900040100* Setup Star						S1* S2*
		5/27/13	Start Qty: 15.00 Req'd Qty: 15.00	*15* *15*		Cust It Custon						
	Approvals:		nn: MCZ	Date: 13-05-28	Tooling: SPC (Y/N):		Date:		R	tun Star Stop	I <i>N</i>	R1* R2*
	Sequence ID/ Work Center II)	Operation Description		Set Up/ Run Hours	Tool	ID Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
	Draw Nbr	Rev	vision Nbr									
	646.3900	N/C				1						
	110				0.00							
Wc-♡	*110* Waterjet FLOW CNC Waterje		Memo 1-Cut as per Dwg Rev: Prog Rev: 2-Deburr if	NE	0.00				20			Jm(3-6-C
			2-Debuit II	necessary								·
	*120 *120*		QC2- Inspect parts off n	nachine FAI/FAIB	0.00			•	ઝ વ	0		Jm13-6-6
	QC Quality Control		Мето		0.00	1 4 5 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5						

											DQA:	Date	:		
NCR:	Yes	/ No				WORK ORDER NON-	CO	NFOR	MANCE / UP	DATE					
											QA Closed	: Date	:		
Work Orde	or.					DISPOSITION				AGAINST DE	PARTMENT	PARTMENT/PROCESS			
Work Ordi	ÇI.					Rework			Skid-tube Crosstube		Water Jet		Engineering		
Part No.					Scrap	1	i .	Machining	Small Fab	Pro	od. Eng. Coor.	Quality			
					Use-as-is	· — I		noforming	Finishing	-1	re/Packaging	Other			
NCR No.				Work Order Update	1	1	Large Fab	Composite	. .	Supplier	1				
										·					
Root					Descri	ption of work order update	1	Initial	Ac	ction	Sign &				
Cause		Date	Step	Qty		or Non-conformance	Cł	nief Eng	Desc	ription	Date	Verification	QC Inspector		
Doc/Data	L		ļ				1								
Equip/Tooling	L		1				ĺ								
Operator															
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Training			•												
Unapproved															
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Landi	ng (Gear				General		- -			-		_		
		Bending				Bend	L	Grain			Ovalized	_	Pressure/Forced		
	L	Centre N	ot Conce	ntric to (o/s	BOM/Route	L	Hardwa	re		Over/Under	tolerance	Temperature/Cure		
		Cracks				Broken/Damaged	L	Inspecti	on Incomplete		Part Incorre	ct _	Weld		
	Crushed/Crimped					Burrs		Instruct	ions Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled		
	Cuffs					Contamination		Mainte	nance		Part Moved				
		Heat Trea	at			Countersink		Mislabe	led		Positioned \	Wrong	_		
	Г	Inspectio	n Strip in	Tube		Cut Too Short		Misread	I		Power Loss,	/Surge	Other		
		Ripples in Bend				Drill Holes		Offset							

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Orde May-27-13 12:4.		2271		*102	271*			Page 2		
Item ID: Revision ID:	646.3912 Shim			Accept	*N900	04010		tart *NS1*		
Start Date: Required Date: Reference:	5/27/13 5/27/13	Start Qty: 15.00 Req'd Qty: 15.00	*15* *15*		Cust Item I Customer:	D:				
Approvals:	Process Pla	n:	Date:	Tooling:	Da	ate:	Run S	tart *NR1*		
-FF	QC:		Date:	·	į.	ate:	S	*NR2*		
Sequence ID/ Work Center ID 130 *130* QC Quality Control)	Operation Description QC8- Inspect parts - secon	nd check	Set Up/ Run Hours 000 21	Tool ID	Tool # Plan Code	Accept Reject Qty Qty	t Reject Insp. Number Stamp		
*140 *140 Outsource3 Outsource process - 0	Cad plate	Outsource process-Cadpla Memo Issue P/O:	RO119	0.00			CZ	13106107(20)		
*150 *150* Packaging Packaging		Receive & Inspect for Dar	nage & Mat'l Certs	0.00			- for	3/4/26 20		
					•					

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-O	COI	NFOR	MANCE / UPI	DATE			•
								,			QA Closed:	Date:	
Work Orde	er.					DISPOSITION AGAINST			AGAINST DE	PARTMENT	/PROCESS		
	Part No.					Scrap Machining Small Fal			Crosstube Small Fab	Pro	Engineering Quality		
NCR No.						Use-as-is Work Order Update				Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root					Descri	ption of work order update		Initial	Act	tion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ct	nief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data					-							•	
Equip/Tooling							l						
Operator													
Material							l						
Setup								X - 3					
Other	П		}				Çı.			:			
Process	П												
Supplier			1										
Training													
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						F	ΑUI	LT CATE	GORY				
Landi	ng G	iear				General							_
		Bending				Bend		Grain		. [Ovalized		Pressure/Forced
	Centre Not Concentric to O/S			BOM/Route		Hardware			Over/Under	tolerance	Temperature/Cure		

Inspection Incomplete

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled Misread

Offset

Instructions Incomplete/Unclear

Broken/Damaged

Contamination

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Burrs

Part Incorrect

Part Moved

Part Lost/Missing

Positioned Wrong

Power Loss/Surge

Weld

Other

Wrong Stock Pulled

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Cracks

Cuffs

Heat Treat

Crushed/Crimped

Inspection Strip in Tube

Torque Waves in Extrusion

											DQA	:Date:	:
NCR: Y	'es	/ No			,	WORK ORDER NON-C	100	NFORM	MANCE / UPI	DATE			
											QA Closed	: Date:	
Work Orde	· ·					DISPOSITION		AGAINST DEPARTMENT/PROCESS					
WOIK OIGE	-					Rework		Skid-tube	Crosstube	7	Water Jet	Engineering	
Part N	ю.					Scrap	n	Machining	Small Fab	_ 1	od. Eng. Coor.	Quality	
						Use-as-is		noforming	Finishing	Rec/Sto	ore/Packaging	Other	
NCR No.						Work Order Update	1		Large Fab Composite			Supplier	
Root	\Box				Descri	ption of work order update		Initial	Act	tion	Sign &		
Cause	_	Date	Step	Qty		or Non-conformance	Ch	nief Eng	Descr	ription	Date	Verification	QC Inspector
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Operator			ļ	,									
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						F,	AUL	LT CATE	GORY				
Landi	ng G	iear				General		7		-	· ·	_	7
		Bending				Bend	L	Grain			Ovalized		Pressure/Forced
		Centre No	ot Concei	ntric to	o/s	BOM/Route		Hardwa	re		Over/Unde	r tolerance	Temperature/Cure
	Cracks				Broken/Damaged	$ldsymbol{ld}}}}}}$	Inspecti	on Incomplete	.	Part Incorre	<u> </u>	Weld	
	Crushed/Crimped					Burrs		Instruct	ions Incomplete/l	Unclear	Part Lost/N		Wrong Stock Pulled
	Ш	Cuffs				Contamination		Mainte			Part Moved		
		Heat Trea	ıt .		L.	Countersink		Mislabe	led	L	Positioned	_	-
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	l	· [_	Power Loss	/Surge	Other
	Ripples in Bend				Drill Holes	Offset							

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

· Picklist Print

May-27-13 12:42:37 PM

Work Order ID:

102271

Parent Item:

646.3912

Parent Item Name:

Shim

Start Date: 5/27/13

Required Date: 5/27/13

Page 1

Start Qty: 15.00

Required Qty: 15.00

Comments:

IPP REV:A 12.10.23 NEW ISSUE DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MC1095S.020 C1095 Blue Tempered Sp.	ring Steel Sheet .020	Purchased	No			110	, sf	7.4000	0.02	0.3157895 O 5			JmB-6-6
				Location		Loc Oty	<u>Lo</u>	c Code					

123537

MAT022

7.4 7.4

NCR: Yes	*	•		
Vork Order:				
Part No				
Root Cause	C Inspector	•		
perator aterial ther occess applier anapproved		_		
		-		
	ure/Forced erature/Cure g Stock Pulled			
Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				

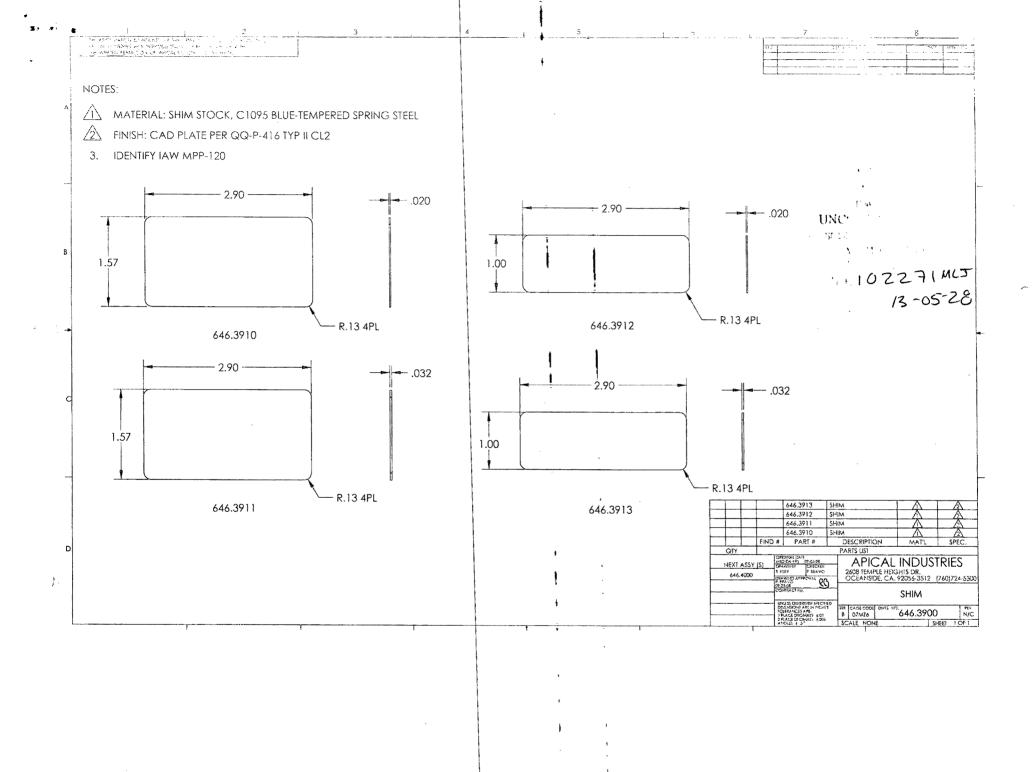
H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	Work Order:	102271
Description: Shim	Part Number:	646.3912
Inspection Dwg: 646.3900 Rev: N/C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST										
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments				
1.00	+/-0.005	1.003"	_		V	Thmor				
2.90	+/-0.005	2.898"			J					
0.020	+/-0.005	2.898"	-		J					
-										
				-						
	-									
asured by: J	m	Audited by:	27		Preliminary A	Approval:				
Date:	13-6-6	Date:	-	6		Date:				

			-0.0		
Measured by:	Jm	Audited by:	27	Preliminary Approval:	
Date:	13-6-6	Date:	13.66	Date:	

Rev	Date	Change	Revised by	Approved
Α	12.11.30	New Issue	KJ 🥍	





Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20119

Purchase Order Date 6/7/2013 PO Print Date 6/11/2013

Page Number 1 of 1

Order From:

VC-CAD002

CADORATH COATING 2150 LOGAN AVE. WINNIPEG, MB R2R 0J2

CA

Contact Name

Vendor Phone

204 633 9420

Vendor Fax

204 633 8033

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency FOB

10127-2607 Net 30

CAD

Destination-Collect

Chantal Lavoie

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Line Nbr Reference	Description/ Mfg ID	Req Date/	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
Revision ID Vendor Part Number	wing in					
102271	646.3912 SHIM	6/17/2013 Yes	20.00	FedEx PI collect	\$7.1900	\$143.80
			\ <u>\</u>	4		<u>.</u>
	Special Inst:	Finish: Cad Plat Type II CL2	e per QQ-P-416			·
		••		PO	Total:	\$143.80

Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer. No substitution or deviation without

Change Date: 6/11/2013

Change Nbr:

2

Packing Slip



Sold To:

Dart Aerospace Ltd. 1270 Aberdeen St.

Hawksbury, ON K6A 1K7

ShipTo:

Cadorath Coating

2150 Logan Avenue, Winnipeg, Manitoba R2R-0J2

Phone: (204) 633-9420 **Fax:** (204) 633-8033

INVOICE NUMBER:

\$66574

Net 2% Interest Per Month charged on Overdue Accounts.

Any claims for shortages, overcharges, or damaged goods must be made within seven (7) days from receipt of goods.

Customer Order #:	DateReceived:	Terms:	G.S.T. #:	Ship Via:	Ship Date:
PO20119	Jun-11-2013	NET 30 DAYS	10071 6547 RT0001	224 2 37 5	Jun-25-2013
	Salati Sephan Santanathi Tiping Santani Santani	waster conservations and the same property	and the second second second second	Section of the sectio	AND DESCRIPTION OF THE PARTY OF THE PARTY.
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em # Qty P/N & Do	Salati Sephan Santanathi Tiping Santani Santani		 I 102271		And the said of market sound a later of the
يان مود الوامل ليك فعدة وريسينس	Salati Sephan Santanathi Tiping Santani Santani				Bet Bet Bet Bet And Bet Bridge

CERTIFICATE OF CONFORMANCE

CADORATH PLATING CO. LTD. 2150 LOGAN AVENUE WINNIPEG, MANITOBA R2J-0J1

DATE:

Jun-25-2013

CONSIGNED TO: Dart Aerospace Ltd.

1270 Aberdeen St.

Hawksbury, ON K6A 1K7

W/O #:

125715

INVOICE #:

66574

CONTRACT OR

PURCHASE ORDER #

PO20119

DESCRIPTION:

SHIM

20

P/N# 646.3912

S/N # 102271

CADMIUM PLATING IAW AMS-QQ-P-416C TYPE 2 YELLOW CLASS 2.

BAKE HEAT CHART # 13-564.

CERTIFICATE: I certify that the items indicated here on have been inspected and tested and conform to all specifications and requirements detailed on the contract or purchase order.

Approved Inspector: